

June 25, 2015

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
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SUBJECT: Scheduled Operational Changes and Upgrades for
CPC, OPC, and WPC

The following accelerated items were implemented this past week:

RFC #349 - The name of the text file with CPC's 24 hour Precipitation observations changed from usa-dlyprcp-new-YYYYMMDD to usa-dlyprcp-YYYYMMDD. This file resides in /cpc/data/observations/land_air/short_range/north_america/precip. The filename in WPC's collection script "get_cpc_h24_ppt.csh" had to be changed to reflect the new name. Implemented on June 19 at 1300Z. (WPC)

RFC #350 – A typo existed in a sub-script used to produce web products from the Extended Range Official forecast. This manifested as bad color fill of those regions with greater than 90% temperature probability anomalies. This typo was corrected. Implemented on June 23 at 1200Z. (CPC)

RFC #351 - The "launch_sfc_anal.csh" script was failing to create a unique working directory for image creation. As a result, the "convert" command was using old images and creating updated versions that were incorrect. The incorrect images were being sent to the OPC's website as a result. A fix was made to ensure a unique working directory was created. Implemented on June 23 at 1645Z. (OPC)

RFC #352 – Changed some entries in datatype and mod_res tables to reflect new file names for the parallel SREF, in order to compute differences between the production SREF and parallel SREF for evaluation by WPC forecasters. Implemented on June 24 at 1600Z. (WPC)

The following will be implemented the week of June 29, 2015:

RFC #353 – Script "check_for_other_center.pl" looks for files from other National Centers. It has been updated to wait for a shorter duration, which improves its efficiency. A monitoring script is being updated to work in tandem with this

change so false alerts aren't sent to OAB. To be implemented on June 29 at 1130Z. (OPC)

RFC #354 – Updates are being made to script “send_to_TOC.pl” processing and associated utilities in order to test the new parallel FTPS connections. This change tests connections in parallel. OPC will confirm with NCO-Silver Spring before making all changes permanent in a future RFC. To be implemented on June 29 at 1130Z. (OPC)

RFC #355 – Script “verify_product_launch.pl” has been running too early on the Compute Farm for products “PJBE88” and “PJBE89”. Also, script “check_for_other_center.pl” has been running at the wrong time for monitoring product launches from HFO. Both issues are a result of incorrect entries in the crontab.etc file. The entries have been corrected. To be implemented on June 29 at 1200Z. (OPC)

RFC #356 – Update the NetCDF archive file creation for the Delaware Bay Vibrio vulnificus experimental forecast. OPC is coordinating with NOAA/NCEI to format 2 files as a new effort to collaborate and work with their THREDDS server and NOMADS ocean web page. Variable attributes were reordered and time-steps were added to the Vibrio probability variable. To be implemented on June 29 at 1330Z. (OPC)

RFC #357 – Add the NOAA logo to all heat index plots, as requested by NWS HQ. To be implemented on July 1 at 2000Z. (CPC)

The following NCO RFCs to be implemented the week of June 29, 2015 may affect CPC, OPC, and/or WPC:

RFC #1042 – The Japanese Met Agency is changing the name of the GPCP GMS files it uploads to CPC. The FTP ingest table needs to be updated to enable uploading of the new file names. To be implemented on June 29 at 1400Z.

The following NCO RFC(s) are in process and may affect the local Centers:

RFC #1009 – Migrate WPC-LW-ATCF from Dell Precision T1700 hardware to Dell Precision T5610 hardware. Implementation began on June 15 at 1100Z and should be completed by June 26 at 1700Z.

RFC #1019 – Configure 2 WCOSS phase2 service nodes to serve as development ecFlow servers. This will allow development users to run

scheduled jobs with ecFlow. Two other WCOSS phase2 service nodes will be configured to provide system access for PMB Operations staff. This was to have been implemented on June 17 at 1400Z but was delayed to June 22 at 1500Z due to CWD. Implementation has been done for Tide and is expected to be completed for Gyre by June 26.

Please note that security-related RFCs are never listed in the RFC memo.

---- OPERATIONAL ANNOUNCEMENTS ----

1. The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.